Index of Claims

Application No.

09/751,761 Examiner

SMITH, RONALD D.

Applicant(s)

Art Unit

David J. Huisman

2183

R ject d **Allowed** 

(Through numeral) Cancelled Restricted

Non-Elected N Interference

App al Α o Objected

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| Claim        |  | Date                                  |  |  |          |              |          |  |  |                 |  |
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| Final        | Original   | 11/20/04                              |  |  |          |              |          |  |  |                 |  |
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|              | 1<br>2<br>3<br>4<br>5<br>6<br>7  | 1                                     | H  | _  | _        |              | _        | L  |  | Н               |  |
| <u> </u>     | 2  | N A                                   | -  | <u> </u>   | ⊢        | _            | _        | ├  | -  | $\vdash$        |  |
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|              | 7  | 1                                     |  | -  | _        |              | _        | <del> </del>                                     | H  | $\vdash$        |  |
|              | 8  | 1                                     |  |  |          |              |          |  |  | П               |  |
|              | 9  | 1                                     |  |  |          |              |          |  |  | П               |  |
|              | 10   | 1                                     |  |  |          |              |          |  |  |                 |  |
|              | 11   | 1                                     |  |  |          |              |          |  |  |                 |  |
| <u> </u>     | 12   | 1                                     | L  |  |          |              |          |  |  |                 |  |
|              | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <u> </u>   | <u> </u>   | _        | _            | _        | <u> </u>   | <u> </u>   | Ш               |  |
|              | 14   | 1                                     | <u> </u>   | _  | L        | <u> </u>     | <u> </u> | <u> </u>   | _  |                 |  |
| <u> </u>     | 15   | 1                                     | ļ  | <b> </b>   | <u> </u> | _            | <u> </u> | _  | <u> </u>   |                 |  |
|              | 16   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <u> </u>   | _  | -        |              |          | <u> </u>   | ├  |                 |  |
|              | 17   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | $\vdash$   |  |          | $\vdash$     | ⊢        | _  | -  | _               |  |
| <del> </del> | 10   | \ \frac{\forall}{J}                   | ┝  | _  | _        | _            | $\vdash$ | -  | -  |                 |  |
|              | 20   | ۲                                     | ┝  | -  | ┝        |              | $\vdash$ | -  | ┢  | $\vdash$        |  |
|              | 21   | ┝                                     | ┢  | -  | ├        | <del> </del> | -        |  | $\vdash$   | Н               |  |
|              | 22   | -                                     | <del>                                     </del> | <del>                                     </del> | -        |              | $\vdash$ | $\vdash$   |  | Н               |  |
|              | 23   |                                       |  |  |          |              |          |  |  | П               |  |
|              | 24   |                                       |  |  |          |              |          |  |  | П               |  |
|              | 25   |                                       |  |  |          |              |          |  |  |                 |  |
|              | 26   |                                       |  | $oxed{oxed}$                                     |          |              |          |  |  |                 |  |
|              | 27   |                                       |  | L  | _        |              | _        |  | <u> </u>   | Щ               |  |
| <u> </u>     | 28   | _                                     | _  | <u> </u>   | <u> </u> |              | <u> </u> |  | Ш  | Щ               |  |
|              | 29   |                                       | L  | _  | <u> </u> |              | <u> </u> | <u> </u>   | _  | $\square$       |  |
|              | 30<br>31   | _                                     |  | ļ  | $\vdash$ | _            | _        | _  | -  | $\vdash$        |  |
| <u> </u>     | 32   | ⊢                                     | ├-   | -  | $\vdash$ | <del> </del> |          | $\vdash$   |  | $\vdash \vdash$ |  |
| $\vdash$     | 32<br>33   | -                                     | ┢╌   | -  | -        | $\vdash$     | $\vdash$ | $\vdash$   | <del>                                     </del> | $\vdash$        |  |
| <b></b>      | 34   |                                       | $\vdash$   | $\vdash$   | _        | $\vdash$     | -        | <del>                                     </del> | Н  | $\vdash$        |  |
|              | 35   | $\vdash$                              |  | $\vdash$   |          |              |          |  | -  | _               |  |
|              | 35<br>36<br>37   |                                       |  |  |          |              |          |  | П  |                 |  |
|              | 37   |                                       |  |  |          |              |          |  |  |                 |  |
|              | 38<br>39   |                                       |  |  |          |              |          |  |  |                 |  |
|              |  |                                       |  |  |          |              |          | $\Box$   | $\Box$   |                 |  |
|              | 40   |                                       | L  |  | L        |              |          | <u> </u>   | <u> </u>   | Щ               |  |
|              | 41   | <u> </u>                              | L_   | <u> </u>   | <u> </u> | <u> </u>     |          | $\vdash$   | $\vdash$   | Щ.              |  |
|              | 42   |                                       | L  | $\vdash$   |          | -            | _        | <u> </u>   |  | <u> </u>        |  |
| $\vdash$     | 43<br>44   | _                                     | $\vdash$   | <del> </del>                                     |          | -            |          | $\vdash$   | -  |                 |  |
|              | 45   | -                                     | $\vdash$   | H  | -        | -            | -        | <del> </del>                                     |  | -               |  |
|              | 46   | -                                     | H  | <u> </u>   |          |              |          | -  | $\vdash$   |                 |  |
|              | 47   | <del> </del>                          | $\vdash$   | $\vdash$   |          |              | $\vdash$ | <del>                                     </del> | $\vdash$   | $\vdash$        |  |
|              | 48   | H                                     | Н  | $\vdash$   | _        |              |          | ┢  | $\vdash$   | $\vdash$        |  |
|              | 49   |                                       | Т  | Г  |          | Г            |          | Г  |  |                 |  |
|              | 50   |                                       | П  | T  |          |              |          | $\vdash$   | Г  | H               |  |

|   | Claim |                | Date                         |          |          |          |          |            |   |          |               |  |
|---|-------|----------------|------------------------------|----------|----------|----------|----------|------------|---|----------|---------------|--|
|   | Final | Original       |                              |          |          |          |          |            |   |          |               |  |
|   | _     | 51             |                              |          |          |          |          |            | _ |          | _             |  |
|   |       | 51<br>52<br>53 |                              |          | -        |          |          |            | _ |          | $\vdash$      |  |
|   |       | 53             |                              |          | П        |          |          |            |   |          |               |  |
|   |       | 54             |                              |          |          |          |          | -          |   |          | $\overline{}$ |  |
|   |       | 54<br>55       |                              |          |          |          |          |            |   |          |               |  |
|   |       | 56             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 57             |                              |          |          |          |          |            |   |          |               |  |
|   | -     | 58             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 59             |                              | Г        |          |          |          |            |   |          |               |  |
|   |       | 60             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 61             |                              |          |          |          |          |            |   |          | Г             |  |
|   |       | 62             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 63             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 64             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 65             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 66             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 67             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 68             | L                            |          |          |          |          |            |   |          |               |  |
|   |       | 69             | _                            |          |          | _        |          |            |   |          |               |  |
|   |       | 70             |                              |          | _        | _        |          |            |   |          |               |  |
|   |       | 71             | _                            |          |          | L.       |          |            |   | _        | _             |  |
|   |       | 72             |                              |          |          |          | _        |            |   | L.,      |               |  |
|   |       | 73<br>·74      |                              |          | L.       | _        | <u> </u> |            |   |          | _             |  |
|   |       | 74             | <u> </u>                     |          |          |          |          |            |   |          |               |  |
|   |       | 75             | <u> </u>                     |          |          | _        | <u> </u> | _          | _ | _        | <u> </u>      |  |
|   |       | 76<br>77       | <u> </u>                     | -        | $\vdash$ |          | <u> </u> | <u> </u>   |   |          | -             |  |
|   |       |                | -                            |          | $\vdash$ |          | _        |            | _ |          |               |  |
|   |       | 78<br>79       | -                            | _        | ├─       | $\vdash$ | _        | _          |   | _        | _             |  |
|   |       | 80             | $\vdash$                     |          |          |          | ┢        |            |   |          | _             |  |
| i |       | 81             |                              |          | -        | -        | -        |            |   | _        |               |  |
| ĺ |       | 82             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 83             | H                            |          | $\vdash$ |          | -        |            | _ | _        |               |  |
|   |       | 84             |                              |          |          | _        | Г        | -          |   |          | _             |  |
|   |       | 85             |                              |          |          | _        |          |            |   |          |               |  |
|   |       | 86             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 87             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 88             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 89             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 90             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 91             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 92             |                              |          |          |          |          |            |   |          |               |  |
|   |       | 93             | L.                           | L_       |          | _        |          | Ш          |   |          | $oxed{}$      |  |
|   |       | 94             |                              | _        |          |          |          |            |   |          |               |  |
|   |       | 95             | <u> </u>                     |          |          |          | Ь.,      | L          |   |          | <u> </u>      |  |
|   |       | 96             | $ldsymbol{ldsymbol{\sqcup}}$ | $\vdash$ | <u> </u> | _        | Ш        | Ш          |   |          |               |  |
|   |       | 97             | <u> </u>                     | $\vdash$ | $\vdash$ | <u> </u> |          | $\vdash$   |   | <b>L</b> | -             |  |
|   |       | 98             | <u> </u>                     | $\vdash$ | $\vdash$ | -        | $\vdash$ |            |   |          | -             |  |
|   |       | 99<br>100      | $\vdash$                     | -        | -        | H        |          | <b> </b> - |   | -        | -             |  |
|   |       | 100            |                              | 1        |          |          |          | L          | L |          | 1             |  |

| CI    | Date                     |  |  |  |  |          |              |          |  |          |
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| Claim |                          | ⊢  |  |  |  | Jate     | -            |          |  | H        |
| Final | Original                 |  |  |  |  |          |              |          |  |          |
|       | 101<br>102               |  |  |  | Г  |          |              | _        |  | П        |
|       | 102                      | Г  |  |  | Т  | $\vdash$ |              |          |  | П        |
|       | 103                      |  |  |  |  |          |              |          |  | П        |
|       | 104                      |  |  |  |  |          |              |          |  |          |
|       | 105                      |  |  |  |  |          |              |          |  |          |
|       | 105<br>106               |  |  |  |  |          |              |          |  |          |
|       | 107                      |  |  |  | Г  |          |              |          |  | П        |
|       | 108                      |  |  | Ì  |  |          |              |          |  |          |
|       | 109                      |  |  |  |  |          |              |          |  |          |
|       | 110                      |  |  |  |  |          |              |          |  |          |
|       | 111                      | L  |  |  |  |          |              |          |  | ĿĴ       |
|       | 112                      | <u> </u>   |  |  | L.   | $\Box$   |              | <u></u>  | L  |          |
|       | 113                      | _  | <u> </u>   |  | <u> </u>   |          | $oxed{oxed}$ |          | $ldsymbol{ld}}}}}}$ | Ш        |
|       | 113<br>114<br>115        | _  | <u> </u>   | <u> </u>   | L  |          | L            | <u> </u> | Щ.   | Щ        |
|       | 115                      |  |  |  |  |          |              |          | Щ  | Щ        |
|       | 116<br>117               | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   |          | _            |          |  | Ш        |
|       | 117                      |  |  | <u> </u>   | <u> </u>   | _        | L            |          |  | Ц        |
|       | 118<br>119               | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> |              | _        | _  | Щ        |
|       | 119                      | _  | <u> </u>   | _  | <u> </u>   |          |              |          |  | Ш        |
|       | 120                      | _  | _  |  | <u> </u>   |          |              | _        |  |          |
|       | 121<br>122               | _  | _  | <u> </u>   | <u> </u>   | <u> </u> | _            | _        | _  | Ш        |
|       | 122                      |  | _  |  | <u> </u>   | <u> </u> | ļ            | L        |  |          |
|       | 123                      | <u> </u>   | _  | _  | <u> </u>   | L        | <u> </u>     | _        |  | Щ        |
|       | 124                      | <u> </u>   | -  | ┝  | ⊨  | H        | $\vdash$     | -        |  | Н        |
|       | 125                      |  | -  |  | ├—   |          | -            | ⊢        | _  | Н        |
|       | 124<br>125<br>126<br>127 | ┝  | -  | ⊢  | ├  | H        | $\vdash$     | -        | -  | Н        |
|       | 128                      | ┝  | <del> </del>                                     | $\vdash$   | -  | -        | -            | -        | $\vdash$   | Н        |
|       | 120                      | $\vdash$   |  |  | $\vdash$   | $\vdash$ | H            | $\vdash$ | $\vdash$   | $\vdash$ |
|       | 129<br>130               | _  | -  |  | -  | H        | -            | -        | -  | Н        |
|       | 131                      | -  | $\vdash$   | -  |  |          |              |          | $\vdash$   | Н        |
|       | 132                      | <del>                                     </del> |  |  | <del> </del>                                     | -        |              | H        |  | H        |
|       | 132<br>133               | $\vdash$   | Н  | $\vdash$   | $\vdash$   | $\vdash$ | H            |          | $\vdash$   | _        |
|       | 134                      | -  | ┢  | <del>                                     </del> | $\vdash$   | $\vdash$ | Т            |          |  | Н        |
|       | 134<br>135               |  | <del>                                     </del> |  | <del>                                     </del> | <u> </u> | Ι-           | _        |  | Н        |
|       | 136                      |  |  |  |  |          |              |          |  | П        |
|       | 137<br>138               |  |  |  |  |          |              |          |  | П        |
|       | 138                      |  |  |  |  |          |              |          |  | П        |
|       | 139                      |  |  |  |  |          |              |          |  |          |
|       | 140                      |  |  |  |  |          |              |          |  |          |
|       | 141                      |  |  |  |  |          |              |          |  |          |
|       | 142                      |  | L  |  |  |          | $\Box$       |          | Ш  | Ш        |
|       | 143                      | L_   | ļ  |  | <u> </u>   | igsqcut  | <u> </u>     | _        | <u> </u>   | Ш        |
|       | 144                      | <u> </u>   | L  | <u> </u>   |  |          |              | <u> </u> | L  | Ш        |
|       | 145                      |  | <u> </u>   | <u> </u>   | <u></u>  | <u> </u> | L_           | _        | L  | Ш        |
|       | 146                      | <u> </u>   | <u> </u>   | L  | <u> </u>   | Щ        | <u> </u>     | _        | $\vdash$   | Щ        |
|       | 147                      |  | ļ  | <u> </u>   | <u></u>  |          | <u> </u>     | _        | <u> </u>   | Щ        |
|       | 148                      | $\vdash$   | <u> </u>   |  |  | _        | <u> </u>     | <u> </u> | <u> </u>   | Щ        |
|       | 149                      | <b> </b> _                                       | <u> </u>   | L  | <u> </u>   | $\sqcup$ | _            | <u> </u> | <u> </u>   | Ц        |
|       | 150                      | L  | l  |  | L_   | L        | L            |          | <u> </u>   | Ш        |